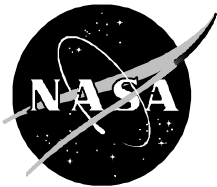


VERSION DESCRIPTION DOCUMENT FOR THE NASA PERSONNEL/PAYROLL SYSTEM

Software Release 7.51

PrISMS Contract

01/15/00



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 7.51**

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HUNTSVILLE, ALABAMA

January 2000

**VERSION DESCRIPTION DOCUMENT
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NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 7.51**

Approved by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
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January 2000

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1. INTRODUCTION

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software released for installation/implementation.

1.1 IDENTIFICATION OF THE RELEASE

System Name – NPPS

Release Number – Software Release 7.51

Release Effective Date – January 15, 2000

Release Implementation Date - January 15, 2000

The release datasets will be made available to the production support DBA for installation, at which time all centers will be notified that it has been installed.

1.2 PURPOSE OF THE RELEASE

The purpose of this release is to implement the NPPS software allocated for this release. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

1.3 SCOPE OF THE RELEASE

The VDD provides the functional and technical user of NPPS with the following information regarding changes to the contents and status of the application, NPPS Release 7.51, including the following:

- Changes implemented since the last release
- References to other documents affected by this release
- Changes to application files and data formats
- Detailed software installation procedures
- Validation procedures to ensure the reliability of the software changes.

1.4 CONTACT POINTS

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (use the following Key Words: SESAAS & NPPS)

Telephone: (256) 544-6673

E-Mail: james.joyner@msfc.nasa.gov

FAX: (256) 544-1836

2. FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all PREDICT changes related to this release.

2.2 FUNCTIONAL INTERFACES

Not Applicable

2.3 CRITICAL ISSUES

Not Applicable

2.4 AFFECTED DOCUMENTS

Not applicable

2.5 APPLICATION SYSTEM ADMINISTRATION

Not Applicable

3. TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

3.1 TECHNICAL SYSTEM INTERFACES

Not Applicable

3.2 DATA DICTIONARY CHANGES

Not Applicable

3.3 SOFTWARE OBJECT CHANGES

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4 DATABASE ADMINISTRATION

The specific database administration activities for NPPS 7.51 are detailed in Appendix D, Installation Instructions.

3.4.1 Release Dataset Names

The datasets for Software Release 7.51 are included in the Introduction of Appendix D, Installation Instructions.

3.4.2 Inventory of Objects

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4.3 Storage Considerations

Not Applicable

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

3. 5 OPERATIONAL PREPARATION

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

APPENDIX A

ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

ADP	Automated Data Processing
CCR	Change Control Request
CPO	Consolidated Payroll Office
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
HR	Human Resources
ICD	Interface Control Document
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
NDM	Network Data Mover
NOAC	Nature Of Action Code
NPPS	NASA Personnel/Payroll System
OPM	Office of Personnel Management
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SRS	System/Software Requirements Specification
VDD	Version Description Document

APPENDIX B

GLOSSARY

GLOSSARY

Consolidation Center

Responsibility for processing and balancing payroll for all centers in the consolidated database.

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of an application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

VALIDATION PROCEDURES SOFTWARE RELEASE 7.51 PAYROLL

1. 99000142

- A. **Purpose:** To provide capability for users to run Report 423 (Individual Pay Record) for any year selected based on data input on parameter screen when scheduling the report.
- B. **Test Procedure:**

Select employee 426-31-0169 from database N02Z03T, Center 6400, verify CTLPAY is set to PPB 12-19-99 and PPE 01-01-00, which is pay period 01-

Schedule Report 423 to run and enter on parameter screen, selected SSN, and YR as "99". Run report & Print.

Give selected employee a good T & A –

Go to QREG and verify employee paid.

Submit Job 4, so history can be updated

When Job 4 finishes, schedule Report 423 and enter on parameter selected SSN and year of "00". Print report.
- C. **Validation:**

Verify data from 1st run of Report 423 has data for 1999. This should be a year's worth of information.

Verify data from 2nd run of Report 423 only shows data for one pay period, PPE 01/01/00.

2. 20000001

- A. **Purpose:** To print correct schedule numbers for SF1166 with the year 2000.
- B. **Test Procedure:**

Verify CTLPAY for Center 6400 is set to reflect PPB 12/19/99 and PPE 01/01/00 – TSP EFF Date 01/11/00 and Pay Period 01

Run Job 3 under CPO –

After Job 3 has finished, go to BJSMM and run Report 406 (SF 1166 Voucher)
- C. **Validation:** Verify that Report 406 has the correct schedule number displayed – schedule # should be P-00-01A.

3. **20000002**

- A. **Purpose:** To correct Fund Source Report 818 processing for “Current
- B. **Test Procedure:** Schedule and run Report 818 (CA00818), using the “Current Pay Period” option for at least two (2) centers.
- C. **Validation:** Verify Report 818 run accurately and to completion for the current pay period.

4. **20000003**

- A. **Purpose:** To show NEBA age recalculation works in job 14 leave year-end.
- B. **Test Procedure:** Logon to NPPS– CTLPAY is 12/19/99 – 01/01/00
 - Run adhoc DNGNEBA (shows NEBA age) point JCL for job 14 to Base Code.
 - Run job 14
 - Run adhoc DNGNEBA – age should be 00-
 - Run job 14 – point JCL to New Code
 - Run adhoc (NEBA Age should be correct)
 - Run job 6
 - Run job 9 (Recalculate Normals).
- C. **Validation:** Verify that the 3rd adhoc shows correct NEBA age.
Verify job 9 recalculates NEBA Deductions based on correct age.

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 7.51
JANUARY 2000**

The purpose of this release is to implement the changes allocated to software release 7.51 described below.

SOFTWARE RELEASE 7.51

DR 1620s IMPLEMENTED

99000142	User Entered Input Date Error
20000001	Schedule Number Correction
20000002	All Zero Values for the 818 Report
20000003	NEBA Age Being Calculated Incorrectly

******* RECORD COUNT = 04**

APPENDIX D

INSTALLATION INSTRUCTIONS

**NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 7.51
JANUARY 2000**

Introduction

Release Effective Date – January 15, 2000

Release Implementation Date - January 20, 2000

Release Inventory:

Dataset Names:

The following datasets are located on the transient storage DASD volumes under the following data sets names:

- MSMOV.NPPS.PROD.R751.R0100.DOC
- MSMOV.NPPS.PROD.R751.R0100.SRC

Physical media:
VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & NPPS):

Telephone: (256) 544-6673
E-Mail: james.joyner@msfc.nasa.gov
Fax: (256) 544-1836

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

- 1.0 Backup Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Install Data Glossary
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 JCL/BJX/Xerox Modifications
- 9.0 Special Instructions
- 10.0 Installation Checklist

1.0 BACKUP EXISTING DATA

It is advisable to back up all NPPS files as a precautionary measure prior to installation of software release.

2.0 COPY SOURCE/OBJECT CODE

2.1 Copy Source Modules

When installing software release 7.51, load the NPPS new and modified programs from dataset MSMOV.NPPS.R751.R0100.SRC using the Natural utility NATLOAD. The programs will be loaded to the application library NPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type

Global Data Areas	0
Local/Param Data Areas	0
Maps	0
Help routines	0
Subroutines	0
Subprograms	0
Programs	4
Copycode	0
Text	0
Process	0
Miscellaneous Objects	0
=====	
Total Programming Objects	4

2.2 List of Source Code Modifications

The following is a list of all modules that were modified for the software release 7.51.

Programs	Description of programs
=====	=====
NAB423	Pay History Report
NAB406A	SF1166 Voucher and Schedule of Payments
NAB6010	NEBA Age Recalculation
NAB818	Fund Source 1 Report

RELEASE PROGRAMS (MOD) ==> 4

2.3 List of Source Code Additions

Not Applicable

2.4 List of Source Code Deletions

Not Applicable

3.0 PRE-PREDICT DATA CONVERSION

Not Applicable

4.0 INSTALL PREDICT

Not Applicable

5.0 INSTALL DATA GLOSSARY

Not Applicable

6.0 CATALOG SOURCE CODES

When installing software release 7.51, run a batch job to catalog (CATALL) all modules in the NPPS or other named library. The Batch standard parameters should be used for the compile.

After objects are compiled, the NPPS application will run under the On-line standard parameters.

7.0 POST-PREDICT DATA CONVERSION

Not applicable

8.0 JCL/BJX/Xerox MODIFICATIONS

Not applicable

9.0 SPECIAL INSTRUCTIONS

9.1 Update NPPS Release Number

The following processes will update the NPPS software numbers:

1. Execute program TOOLVRSN from the Natural Command line.
2. When installing software release 7.51, enter "07.510" for software version number.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.

10.0 INSTALLATION CHECKLIST

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 9.0 Special Instructions